

	Franklin Co., Massachusetts, Soils Rating Guide					
	May, 2002 - Natural Resources Conservation Service					
	SSURGO SYMBOLS					
Update in progress. For answers to questions, call the soil survey office at 413-772-0384 x 4.						
For map units where two or more components are named, the unit's P/S&L/O/U rating is based on the most limiting component.						
ana = analog (modified surface texture; fragments outside of range of sizes listed in texture description may be present in addition to listed surface texture)						
vf = very fine stny = stony rky = rocky extr = extremely						
P = prime, S&L = state and local, U = unique, O = other subc = subclass						
w: wet s: stony, droughty, or stony e: erodible Class 1 has very few limitations for agriculture.						
SSURGO	Map Unit Name	Publ. Sym.	slp rng (%)	P/s&l/O/U	cap cls	subc
275	Agawam fine sandy loam	AfA	0 to 3	P	1	-
275	Agawam fine sandy loam	AfB	3 to 8	P	2	E
275	Agawam fine sandy loam	AfC	8 to 15	s&l	3	E
275	Agawam fine sandy loam	AfD	15 to 25	O	4	E
277	Agawam fine sandy loam, variant	AgA	0 to 3	P	1	-
277	Agawam fine sandy loam, variant	AgB	3 to 8	P	2	E
277	Agawam fine sandy loam, variant	AgC	8 to 15	s&l	3	E
225	Belgrade silt loam	BaA	0 to 3	P	2	W
225	Belgrade silt loam	BaB	3 to 8	P	2	W
450	Berkshire fine sandy loam	BbB	3 to 8	P	2	E
450	Berkshire fine sandy loam	BbC	8 to 15	s&l	3	E
450	Berkshire fine sandy loam	BbD	15 to 25	O	4	E
451	Berkshire fine sandy loam, very stony	BcB	3 to 8	s&l	6	S
451	Berkshire fine sandy loam, very stony	BcC	8 to 15	s&l	6	S
451	Berkshire fine sandy loam, very stony	BcD	15 to 25	O	6	S
452	Berkshire fine sandy loam, extremely stony	BdB	3 to 8	O	7	S
452	Berkshire fine sandy loam, extremely stony	BdD	8 to 25	O	7	S
452	Berkshire fine sandy loam, extremely stony	BdF	25 to 65	O	7	S
450	Berkshire fine sandy loam, dark subsoil	BeB	3 to 8	P	2	E
450	Berkshire fine sandy loam, dark subsoil	BeC	8 to 15	s&l	3	E
450	Berkshire fine sandy loam, dark subsoil	BeD	15 to 25	O	4	E
451	Berkshire fine sandy loam, dark subsoil, very stony	BfB	3 to 8	s&l	6	S
451	Berkshire fine sandy loam, dark subsoil, very stony	BfC	8 to 15	s&l	6	S
451	Berkshire fine sandy loam, dark subsoil, very stony	BfD	15 to 25	O	6	S
452	Berkshire fine sandy loam, dark subsoil, extr. stny	BgB	3 to 8	O	7	S
452	Berkshire fine sandy loam, dark subsoil, extr. stny	BgD	8 to 25	O	7	S
452	Berkshire fine sandy loam, dark subsoil, extr. stny	BgF	25 to 55	O	7	S
333	Bernardston channery silt loam	BhB	3 to 8	P	2	E
333	Bernardston channery silt loam	BhC	8 to 15	s&l	3	E
333	Bernardston channery silt loam	BhD	15 to 25	O	4	E
331	Bernardston silt loam, very stony	BmB	3 to 8	s&l	6	S
331	Bernardston silt loam, very stony	BmC	8 to 15	s&l	6	S
331	Bernardston silt loam, very stony	BmD	15 to 25	O	6	S
331	Bernardston silt loam, very stony	BmF	25 to 55	O	7	S
17	Biddeford silt loam	Bn	0 to 3	O	6	W

SSURGO	Map Unit Name	Publ. Sym.	slp rng (%)	P/s&l/O/U	cap cls	subc
340	Broadbrook very fine sandy loam	BsB	3 to 8	P	2	E
340	Broadbrook very fine sandy loam	BsC	8 to 15	s&l	3	E
340	Broadbrook very fine sandy loam	BsD	15 to 25	O	4	E
341	Broadbrook very fine sandy loam, very stony	BtC	3 to 15	s&l	6	S
341	Broadbrook very fine sandy loam, very stony	BtD	15 to 25	O	6	S
375	Buckland fine sandy loam	BuA	0 to 3	P	2	W
375	Buckland fine sandy loam	BuB	3 to 8	P	2	W
375	Buckland fine sandy loam	BuC	8 to 15	s&l	3	E
375	Buckland fine sandy loam	BuD	15 to 25	O	4	E
378	Buckland fine sandy loam, very stony	BvB	3 to 8	s&l	6	S
378	Buckland fine sandy loam, very stony	BvC	8 to 15	O	6	S
378	Buckland fine sandy loam, very stony	BvD	15 to 25	O	6	S
377	Buckland fine sandy loam, extremely stony	BwB	3 to 8	O	7	S
377	Buckland fine sandy loam, extremely stony	BwC	8 to 25	O	7	S
228	Buxton silt loam	BxA	0 to 3	P	2	W
228	Buxton silt loam	BxB	3 to 10	P	2	W
77	Cabot fine sandy loam	CaA	0 to 3	O	5	W
77	Cabot fine sandy loam	CaB	3 to 8	O	5	W
155	Cabot fine sandy loam, extremely stony	CbB	0 to 10	O	7	S
77	Cabot loam, black surface	CcA	0 to 3	O	5	W
154	Cabot Loam, black surface, very stony	CdA	0 to 3	O	6	S
154	Cabot Loam, black surface, very stony	CdB	3 to 8	O	6	S
259	Carver loamy coarse sand	CeA	0 to 3	O	4	S
259	Carver loamy coarse sand	CeB	3 to 8	O	4	S
259	Carver loamy coarse sand	CeC	8 to 15	O	7	S
259	Carver loamy coarse sand	CeD	15 to 25	O	7	S
405	Charlton fine sandy loam	CkB	3 to 8	P	2	E
405	Charlton fine sandy loam	CKC	8 to 20	s&l	3	E
406	Charlton fine sandy loam, very stony	CmC	3 to 15	s&l	6	S
406	Charlton fine sandy loam, very stony	CmD	15 to 25	O	6	S
407	Charlton fine sandy loam, extremely stony	CnB	3 to 8	O	7	S
407	Charlton fine sandy loam, extremely stony	CnD	8 to 25	O	7	S
407	Charlton fine sandy loam, extremely stony	CnE	25 to 45	O	7	S
462	Cheshire fine sandy loam	CoB	3 to 8	P	2	E
462	Cheshire fine sandy loam	CoC	8 to 15	s&l	3	E
462	Cheshire fine sandy loam	CoD	15 to 25	O	4	E
463	Cheshire fine sandy loam, very stony	CpB	3 to 8	s&l	6	S
463	Cheshire fine sandy loam, very stony	CpC	8 to 15	s&l	6	S
463	Cheshire fine sandy loam, very stony	CpD	15 to 25	O	6	S
464	Cheshire fine sandy loam, extremely stony	CrB	3 to 8	O	7	S
464	Cheshire fine sandy loam, extremely stony	CrD	8 to 25	O	7	S
464	Cheshire fine sandy loam, extremely stony	CrE	25 to 45	O	7	S
465	Colrain fine sandy loam	CsB	3 to 8	P	2	E
465	Colrain fine sandy loam	CsC	8 to 15	s&l	3	E
465	Colrain fine sandy loam	CsD	15 to 25	O	4	E
466	Colrain fine sandy loam, very stony	CvB	3 to 8	s&l	6	S
466	Colrain fine sandy loam, very stony	CvC	8 to 15	s&l	6	S
466	Colrain fine sandy loam, very stony	CvD	15 to 25	O	6	S
467	Colrain fine sandy loam, extremely stony	CxB	3 to 8	O	7	S
467	Colrain fine sandy loam, extremely stony	CxD	8 to 25	O	7	S
467	Colrain fine sandy loam, extremely stony	CxF	25 to 50	O	7	E

SSURGO	Map Unit Name	Publ. Sym.	slp rng (%)	P/s&l/O/U	cap cls	subc
256	Deerfield loamy fine sand	DfA	0 to 3	s&l	3	W
470	Dutchess silt loam	DuB	3 to 8	P	2	E
470	Dutchess silt loam	DuC	8 to 15	s&l	3	E
470	Dutchess silt loam	DuD	15 to 25	O	4	E
471	Dutchess silt loam, very stony	DvC	3 to 15	s&l	6	S
471	Dutchess silt loam, very stony	DvD	15 to 25	O	6	S
472	Dutchess silt loam, extremely stony	DxD	8 to 25	O	7	S
472	Dutchess silt loam, extremely stony	DxF	25 to 55	O	7	S
385	Essex fine sandy loam	EfB	3 to 8	s&l	3	E
385	Essex fine sandy loam	EfC	8 to 15	s&l	4	E
385	Essex fine sandy loam	EfD	15 to 25	O	6	E
386	Essex fine sandy loam, very stony	EvB	3 to 8	s&l	6	S
386	Essex fine sandy loam, very stony	EvC	8 to 15	s&l	6	S
386	Essex fine sandy loam, very stony	EvD	15 to 25	O	6	S
387	Essex fine sandy loam, extremely stony	ExB	3 to 8	O	7	S
387	Essex fine sandy loam, extremely stony	ExC	8 to 25	O	7	S
387	Essex fine sandy loam, extremely stony	ExE	25 to 45	O	7	S
440	Gloucester fine sandy loam	GfA	0 to 3	s&l	2	S
440	Gloucester fine sandy loam	GfB	3 to 8	s&l	2	E
440	Gloucester fine sandy loam	GfC	8 to 15	s&l	3	E
440	Gloucester fine sandy loam	GfD	15 to 25	O	4	E
440	Gloucester sandy loam	GmB	3 to 8	s&l	2	S
440	Gloucester sandy loam	GmC	8 to 15	s&l	3	E
440	Gloucester sandy loam	GmD	15 to 25	O	4	E
441	Gloucester sandy loam, very stony	GvB	3 to 8	s&l	6	S
441	Gloucester sandy loam, very stony	GvC	8 to 15	s&l	6	S
441	Gloucester sandy loam, very stony	GvD	15 to 25	O	6	S
442	Gloucester sandy loam, extremely stony	GxB	3 to 8	O	7	S
442	Gloucester sandy loam, extremely stony	GxC	8 to 25	O	7	S
442	Gloucester sandy loam, extremely stony	GxE	25 to 45	O	7	S
96	Hadley silt loam	HaA	0 to 3	P	1	-
96	Hadley silt loam	HaB	3 to 8	P	1	-
96	Hadley very fine sandy loam	HbA	0 to 3	P	1	-
96	Hadley very fine sandy loam	HbB	3 to 8	P	1	-
98	Hadley very fine sandy loam, overflow	HcA	0 to 3	P	2	W
230	Hartland silt loam	HdA	0 to 3	P	1	-
230	Hartland silt loam	HdB	3 to 8	P	2	E
230	Hartland silt loam	HdC	8 to 15	s&l	3	E
230	Hartland silt loam	HdD	15 to 35	O	6	E
245	Hinckley sandy loam	HkA	0 to 3	s&l	3	S
245	Hinckley sandy loam	HkB	3 to 8	s&l	3	S
245	Hinckley sandy loam	HkC	8 to 15	O	4	S
245	Hinckley sandy loam	HkD	15 to 35	O	6	S
242	Hinckley gravelly very fine sandy loam	HgA	0 to 3	s&l	3	S
242	Hinckley gravelly very fine sandy loam	HgB	3 to 8	s&l	3	S
242	Hinckley gravelly very fine sandy loam	HgC	8 to 15	O	4	S
242	Hinckley gravelly very fine sandy loam	HgD	15 to 25	O	6	S

SSURGO	Map Unit Name	Publ. Sym.	slp rng (%)	P/s&l/O/U	cap cls	subc
758	Hollis fine sandy loam	HmB	3 to 8	s&l	4	E
758	Hollis fine sandy loam	HmC	8 to 15	O	4	E
104	Hollis fine sandy loam, very rocky	HnC	3 to 15	O	6	S
104	Hollis fine sandy loam, very rocky	HnD	15 to 25	O	6	S
104	Hollis fine sandy loam, extremely rocky	HoD	3 to 25	O	7	S
104	Hollis fine sandy loam, extremely rocky	HoF	25 to 60	O	7	S
759	Holyoke & Sunderland very fine sandy loam, very rocky	HvC	3 to 15	O	6	S
759	Holyoke & Sunderland very fine sandy loam, very rocky	HvD	15 to 25	O	6	S
760	Holyoke & Sunderland vf sandy loam, extremely rocky	HxD	8 to 25	O	7	S
760	Holyoke & Sunderland vf sandy loam, extremely rocky	HxF	25 to 90	O	8	S
8	Limerick silt loam	Lk	0 to 3	O	4	W
22	Limerick-Saco silt loams	Ls	0 to 3	O	7	W
126	Lyman very rocky loam	LvC	3 to 15	O	6	S
126	Lyman very rocky loam	LvD	15 to 25	O	6	S
126	Lyman extremely rocky loam	LxC	3 to 25	O	7	S
126	Lyman extremely rocky loam	LxF	25 to 80	O	7	S
355	Marlow loam	MaB	3 to 8	P	2	E
355	Marlow loam	MaC	8 to 15	s&l	3	E
355	Marlow loam	MaD	15 to 25	O	4	E
356	Marlow loam, very stony	MbB	3 to 8	s&l	6	S
356	Marlow loam, very stony	MbC	8 to 15	s&l	6	S
356	Marlow loam, very stony	MbD	15 to 25	O	6	S
357	Marlow loam, extremely stony	McB	3 to 8	O	7	S
357	Marlow loam, extremely stony	McD	8 to 35	O	7	S
355	Marlow loam, dark subsoil	MdB	3 to 8	P	2	E
355	Marlow loam, dark subsoil	MdC	8 to 15	s&l	3	E
355	Marlow loam, dark subsoil	MdD	15 to 25	O	4	E
356	Marlow loam, dark subsoil, very stony	MeB	3 to 8	s&l	6	S
356	Marlow loam, dark subsoil, very stony	MeC	8 to 15	s&l	6	S
356	Marlow loam, dark subsoil, very stony	MeD	15 to 25	O	6	S
357	Marlow loam, dark subsoil, extremely stony	MfB	3 to 8	O	7	S
357	Marlow loam, dark subsoil, extremely stony	MfD	8 to 25	O	7	S
357	Marlow loam, dark subsoil, extremely stony	MfE	25 to 45	O	7	S
254	Merrimac fine sandy loam	MgA	0 to 3	P	2	E
254	Merrimac fine sandy loam	MgB	3 to 8	P	2	E
254	Merrimac fine sandy loam	MgC	8 to 15	s&l	3	E
254	Merrimac fine sandy loam	MgD	15 to 25	O	4	E
254	Merrimac sandy loam	MmA	0 to 3	P	2	S
254	Merrimac sandy loam	MmB	3 to 8	P	2	S
254	Merrimac sandy loam	MmC	8 to 15	s&l	3	E
254	Merrimac sandy loam	MmE	15 to 35	O	7	E
51	Muck, shallow	Ms	0 to 3	U	7	W
52	Muck	Mu	0 to 3	U	7	W
143	Nassau silt loam, very rocky	NaC	3 to 15	O	6	S
143	Nassau silt loam, very rocky	NaD	15 to 25	O	6	S
143	Nassau silt loam, extremely rocky	NeC	3 to 25	O	7	S
143	Nassau silt loam, extremely rocky	NeF	25 to 75	O	7	S
276	Ninigret fine sandy loam	NfA	0 to 3	P	2	W
276	Ninigret fine sandy loam	NfB	3 to 10	P	2	W
279	Ninigret fine sandy loam, silty substratum	NgA	0 to 3	P	2	W
279	Ninigret fine sandy loam, silty substratum	NgB	3 to 8	P	2	W
94	Ondawa fine sandy loam	Of	0 to 3	P	1	-

SSURGO	Map Unit Name	Publ. Sym.	slp rng (%)	P/s&l/O/U	cap cls	subc
52	Peat	Pa	0 to 3	U	7	W
360	Peru loam	PbA	0 to 3	P	2	W
360	Peru loam	PbB	3 to 8	P	2	W
360	Peru loam	PbC	8 to 15	s&l	3	E
361	Peru loam, very stony	PcB	3 to 8	s&l	6	S
361	Peru loam, very stony	PcC	8 to 15	s&l	6	S
361	Peru loam, very stony	PcD	15 to 25	O	6	S
362	Peru loam, extremely stony	PeB	0 to 8	O	7	S
362	Peru loam, extremely stony	PeC	8 to 25	O	7	S
345	Pittstown silt loam	PnB	3 to 8	P	2	W
95	Podunk fine sandy loam	Po	0 to 3	P	2	W
30	Raynham silt loam	RaA	0 to 3	O	4	W
70	Ridgebury fine sandy loam	RdA	0 to 3	O	4	W
70	Ridgebury fine sandy loam	RdB	3 to 8	O	4	W
71	Ridgebury fine sandy loam, very stony & extr. stony	RgB	0 to 10	O	7	S
615	Riverwash	Rs	0 to 3	O	8	S
18	Rumney fine sandy loam	Ru	0 to 3	O	3	W
5	Saco silt loam	Sa	0 to 3	O	6	W
37	Saugatuck loamy sand	Sb	0 to 3	O	4	W
16	Scantic Silt loam	ScA	0 to 3	O	4	W
16	Scantic Silt loam	ScB	3 to 8	O	4	W
20	Scarboro fine sandy loam, brownish subsoil variant	Sd	0 to 3	O	5	W
315	Scituate fine sandy loam	SeA	0 to 3	P	2	W
315	Scituate fine sandy loam	SeB	3 to 8	P	2	W
315	Scituate fine sandy loam	SeC	8 to 15	s&l	3	E
316	Scituate fine sandy loam, very stony	SfA	0 to 3	s&l	6	S
316	Scituate fine sandy loam, very stony	SfB	3 to 8	s&l	6	S
316	Scituate fine sandy loam, very stony	SfC	8 to 15	s&l	6	S
317	Scituate fine sandy loam, extremely stony	SgB	0 to 8	O	7	S
317	Scituate fine sandy loam, extremely stony	SgC	8 to 25	O	7	S
114	Shapleigh fine sandy loam	ShB	3 to 8	O	4	E
114	Shapleigh fine sandy loam	ShC	8 to 15	O	4	E
104	Shapleigh fine sandy loam, very rocky	SKC	3 to 15	O	7	S
104	Shapleigh fine sandy loam, very rocky	SKD	15 to 25	O	7	S
764	Shapleigh fine sandy loam, extremely rocky	SmC	3 to 25	O	7	S
764	Shapleigh fine sandy loam, extremely rocky	SmF	25 to 60	O	7	S
370	Shelburne loam	SnB	3 to 8	P	2	E
370	Shelburne loam	SnC	8 to 15	s&l	3	E
370	Shelburne loam	SnD	15 to 25	O	4	E
371	Shelburne loam, very stony	SoB	3 to 8	s&l	6	S
371	Shelburne loam, very stony	SoC	8 to 15	s&l	6	S
371	Shelburne loam, very stony	SoD	15 to 25	O	6	S
372	Shelburne loam, extremely stony	SpB	3 to 8	O	7	S
372	Shelburne loam, extremely stony	SpD	8 to 25	O	7	S
372	Shelburne loam, extremely stony	SpF	25 to 50	O	7	S
79	Stissing silt loam	SrB	0 to 8	O	3	W
80	Stissing Silt loam, very stony	SsB	3 to 8	O	7	S
260	Sudbury fine sandy loam	StA	0 to 3	P	2	W
260	Sudbury fine sandy loam	StB	3 to 8	P	2	W
719	Suffield silt loam	SuB	3 to 8	P	2	E
765	Suffield silt loam, eroded	SuC2	8 to 15	s&l	3	E
765	Suffield silt loam, eroded	SuE2	15 to 35	O	6	E

SSURGO	Map Unit Name	Publ. Sym.	slp rng (%)	P/s&l/O/U	cap cls	subc
97	Suncook loamy sand	Sv	0 to 3	s&l	3	S
410	Sutton fine sandy loam	SwB	3 to 8	P	2	W
410	Sutton fine sandy loam	SwC	8 to 20	s&l	3	E
411	Sutton fine sandy loam, very stony	SxB	3 to 8	s&l	6	S
411	Sutton fine sandy loam, very stony	SxC	8 to 15	s&l	6	S
412	Sutton fine sandy loam, extremely stony	SyB	0 to 8	O	7	S
412	Sutton fine sandy loam, extremely stony	SyC	8 to 25	O	7	S
40	Swanton very fine sandy loam	SzA	0 to 3	O	4	W
40	Swanton very fine sandy loam	SzB	3 to 8	O	4	W
41	Walpole and Wareham fine sandy loams	WaA	0 to 3	O	4	W
41	Walpole and Wareham fine sandy loams	WaB	3 to 8	O	4	W
266	Warwick gravelly fine sandy loam	WfA	0 to 3	P	1	-
266	Warwick gravelly fine sandy loam	WfB	3 to 8	P	2	E
266	Warwick gravelly fine sandy loam	WfC	8 to 15	s&l	3	E
266	Warwick gravelly fine sandy loam	WfD	15 to 40	O	4	E
266	Warwick gravelly loam	WgA	0 to 3	P	1	-
266	Warwick gravelly loam	WgB	3 to 8	P	2	E
266	Warwick gravelly loam	WgC	8 to 15	s&l	3	E
117	Westminster loam	WmB	3 to 8	s&l	2	E
117	Westminster loam	WmC	8 to 15	O	3	E
117	Westminster loam	WmD	15 to 25	O	4	E
117	Westminster loam, very rocky	WnC	3 to 15	O	6	S
117	Westminster loam, very rocky	WnD	15 to 25	O	6	S
117	Westminster loam, extremely rocky	WrD	3 to 25	O	7	S
117	Westminster loam, extremely rocky	WrF	25 to 75	O	7	S
72	Whitman fine sandy loam	WsA	0 to 3	O	5	W
73	Whitman fine sandy loam, extremely stony	WtA	0 to 3	O	7	S
255	Windsor loamy fine sand	WuA	0 to 3	s&l	3	S
255	Windsor loamy fine sand	WuB	3 to 8	s&l	3	S
255	Windsor loamy fine sand	WuC	8 to 15	O	4	S
255	Windsor loamy fine sand	WuE	15 to 35	O	7	S
749	Windsor loamy fine sand, wind-hummocky	WvB	0 to 8	s&l	3	S
98	Winooski very fine sandy loam	Ww	0 to 3	P	2	W
	A slope = 0 - 3 % slope, unless otherwise noted					
	B slope = 3 - 8 %					
	C slope = 8 - 15 %					
	D slope = 15 - 25 %					
	E slope = 25 - 45 %					
	F slope = 45 % +					